

CLAIM AMENDMENTS

1-13. (Canceled)

14. (Previously presented) A vehicle-onboard radar system comprising:  
a receiving and transmitting unit for receiving and transmitting a radio  
wave signal,  
a signal processing unit for processing said radio wave signal,  
an outer housing which is insulative, installs said signal processing unit  
therein, and has a conductive shielding layer inside thereof, and  
an electrically conductive member which holds said receiving and  
transmitting unit, is arranged so as to block up an opening of said outer housing,  
and is connected to said conductive shielding layer,  
wherein said receiving and transmitting unit and said signal processing  
unit are electrically grounded to one of said conductive shielding layer and said  
electrically conductive member, and  
wherein said outer housing is arranged with at least a connector to input  
and output signals and electric power from said receiving and transmitting unit  
to outside of said radar system on an outside surface thereof.

15-18. (Canceled)